



Commonwealth of Massachusetts
City/Town of Bellingham

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

A. Facility Information

Wall Street Development Corp

Owner Name

Prospect Street

Street Address

Map/Lot #

Bellingham

MA

City

State

Zip Code

B. Site Information

1. (Check one) New Construction Upgrade Repair

2. Soil Survey Available? Yes No If yes:

Source

Soil Map Unit

Merrimac

Soil Name

Soil Limitations

Sand

Soil Parent material

Landform

3. Surficial Geological Report Available? Yes No

If yes:

Year Published/Source

Map Unit

Description of Geologic Map Unit:

4. Flood Rate Insurance Map Within a regulatory floodway? Yes No

5. Within a velocity zone? Yes No

6. Within a Mapped Wetland Area? Yes No

If yes, MassGIS Wetland Data Layer:

Wetland Type

7. Current Water Resource Conditions (USGS):

Range: Above Normal

Normal

Below Normal

Month/Day/ Year

8. Other references reviewed:



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C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number:		25-1A	Hole #	6/02/2025	Date	am	Time	Weather	Latitude	Longitude:
1.	Land Use	Woodland (e.g., woodland, agricultural field, vacant lot, etc.)		Brush/tree mix Vegetation		Yes		Surface Stones (e.g., cobbles, stones, boulders, etc.)		2.0 Slope (%)
Description of Location: _____										
2.	Soil Parent Material:	Sand		Moraine Landform		Position on Landscape (SU, SH, BS, FS, TS)				
3.	Distances from:	Open Water Body	n.a. feet	Drainage Way	n.a. feet	Wetlands	100 feet			
		Property Line	feet	Drinking Water Well	feet	Other	feet			
4.	Unsuitable Materials Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes:	<input type="checkbox"/> Disturbed Soil <input type="checkbox"/> Fill Material	<input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock					
5.	Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes:	Depth Weeping from Pit		47"	Depth Standing Water in Hole			

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
4	A	L	10yr3/2								
20	B	SL	10yr5/6								
76	C	S	2.5y5/4				20%		Med-Coarse loose		

Additional Notes:



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Deep Observation Hole Number: 25-2A 6/02/202 am
 Hole # 5 Time Weather Latitude Longitude
 1. Land Use: Woodland
 (e.g., woodland, agricultural field, vacant lot, etc.) Brush/Tree mix yes
 Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%) 2.0

Description of Location: _____

2. Soil Parent Material: Sand Moraine
 Landform Position on Landscape (SU, SH, BS, FS, TS)

3. Distances from: Open Water Body n.a. feet Drainage Way n.a. feet Wetlands 50 feet
 Property Line 40 feet Drinking Water Well n.a. feet Other _____ feet

4. Unsuitable

Materials Present: Yes No If Yes: Disturbed Soil Fill Material Weathered/Fractured Rock Bedrock

5. Groundwater Observed: Yes No If yes: _____ Depth Weeping from Pit 34" Depth Standing Water in Hole _____

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
4	A	L	10yr3/3								
68	C	S	2.5y5/4	34'		>5%	20%		Med-Coarse		

Additional Notes:

34" Mottles



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Deep Observation Hole Number:		25-3A	Hole #	6/02/2025	Date	am	Time	Weather	Latitude	Longitude:
1.	Land Use	Woodland (e.g., woodland, agricultural field, vacant lot, etc.)		Brush/tree mix Vegetation		Yes		Surface Stones (e.g., cobbles, stones, boulders, etc.)		2.0 Slope (%)
Description of Location: _____										
2.	Soil Parent Material:	Sand		Moraine Landform		Position on Landscape (SU, SH, BS, FS, TS)				
3.	Distances from:	Open Water Body	n.a. feet	Drainage Way	n.a. feet	Wetlands	100 feet			
		Property Line	feet	Drinking Water Well	feet	Other	feet			
4.	Unsuitable Materials Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes:	<input type="checkbox"/> Disturbed Soil <input type="checkbox"/> Fill Material	<input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock					
5.	Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes:	Depth Weeping from Pit		28"	Depth Standing Water in Hole			

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
3	A	L	10yr3/2								
54	C	S	2.5y5/4	28"		>5%	20%		Med-Coarse		

Additional Notes:



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Deep Observation Hole Number:	25-4A	6/02/202	am	Weather	Latitude	Longitude:
Hole #	5	Time				
1. Land Use:	Woodland (e.g., woodland, agricultural field, vacant lot, etc.)	Brush/Tree mix Vegetation	yes	Surface Stones (e.g., cobbles, stones, boulders, etc.)	2.0	Slope (%)
Description of Location:						
2. Soil Parent Material:	Sand	Moraine Landform	Position on Landscape (SU, SH, BS, FS, TS)			
3. Distances from:	Open Water Body n.a. feet	Drainage Way n.a. feet	Wetlands 50 feet			
	Property Line 40 feet	Drinking Water Well n.a. feet	Other _____ feet			
4. Unsuitable Materials Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: <input type="checkbox"/> Disturbed Soil <input type="checkbox"/> Fill Material <input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock					
5. Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: _____ Depth Weeping from Pit <u>50"</u> Depth Standing Water in Hole					

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
3	A	L	10yr3/3								
72"	C	S	2.5y5/4	34'		>5%	20%		Med-Coarse		

Additional Notes:
34" Mottles